ABSTRACT

A versatile linker compound has a structure represented by following general formula (1), wherein Y has a structure represented by O or NH, and X has a structure serving as a multi-branched moiety including four hydrocarbon derivative chains each of which has an aromatic amino group at an end thereof, and may or may not have a carbon-nitrogen bond in a backbone thereof. With the versatile linker compound, sugar molecules can be two-dimensionally arranged on a surface of a protein-analyzing supporter with high reproducibility. Also, a ligand includes the versatile linker compound and a sugar molecule introduced thereinto.